

SEQUENCE LISTING

<110> CHUDZINSKI-TAVASSI, Ana
REIS, Cleyson

<120> PURIFYING PROCESS OF SOLUBLE PROTEINS OF THE L. OBLIQUA BRISTLES THROUGH PROTHROMBIN ACTIVATION; PROCESS FOR A PARTIAL DETERMINATION OF THE AMINO ACIDS SEQUENCE OF THE PROTHROMBIN ACTIVATOR; PROCESS FOR DETERMINING THE PROTHROMBIN ACTIVATION OF FRACTION II, N-TERMINAL AND INTERNAL FRAGMENTS SEQUENCES

<130> 4705-0105PUS1

<140> US 10/501,238

<141> 2004-07-12

<150> PCT/BR03/00012

<151> 2003-01-29

<150> BR PI0200269-8

<151> 2002-01-31

<160> 7

<170> PatentIn version 3.3

<210> 1

<211> 46

<212> PRT

<213> Lonomia obliqua

<300>

<301> Chudzinski-Tavassi A.M.; Reis C.V.

<302> A prothrombin activator serine protease from the Lonomia obliqua caterpillar venom (Lopap): biochemical characterization.

<303> Thrombosis Research

<304> 102

<305> 5

<306> 427-436

<307> 2001-06-01

<400> 1

Asp	Val	Val	Ile	Asp	Gly	Ala	Cys	Pro	Asp	Met	Lys	Ala	Val	Ser	Lys
1				5					10					15	
Phe	Asp	Met	Asn	Ala	Tyr	Gln	Gly	Thr	Trp	Tyr	Glu	Ile	Lys	Lys	Phe
			20					25					30		
Pro	Val	Ala	Asn	Glu	Ala	Asn	Gly	Asp	Cys	Gly	Ser	Val	Glu		
		35					40						45		

<210> 2

<211> 11

<212> PRT

<213> Lonomia obliqua

<400> 2

Lys Ser His Val Tyr Thr Val Pro Phe Gly Ala
1 5 10

<210> 3
<211> 16
<212> PRT
<213> Lonomia obliqua

<400> 3

Lys Ser Asn Gln His Arg Val Asn Ile Trp Ile Leu Ser Arg Thr Lys
1 5 10 15

<210> 4
<211> 7
<212> PRT
<213> Lonomia obliqua

<400> 4

Val Arg Ala Gly His Val Glu
1 5

<210> 5
<211> 18
<212> PRT
<213> Lonomia obliqua

<400> 5

Phe Asp Gln Ser Lys Phe Val Glu Thr Asp Phe Ser Glu Lys Ala Cys
1 5 10 15
Phe Phe

<210> 6
<211> 12
<212> PRT
<213> Artificial Sequence

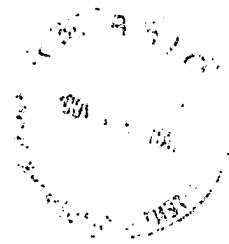
<220>
<223> Synthetic fluorogenic substrate

<400> 6

Gln Thr Phe Phe Asn Pro Arg Thr Phe Gly Ser Gln
1 5 10

<210> 7
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic fluorogenic substrate



<400> 7

Tyr Gln Thr Phe Phe Asn Pro Arg Thr Phe Gly Ser Gln
1 / 5 10